

830 nm Variable Optical Delay Line

Model #: VODL

Description: 830 nm Variable Optical Delay Line

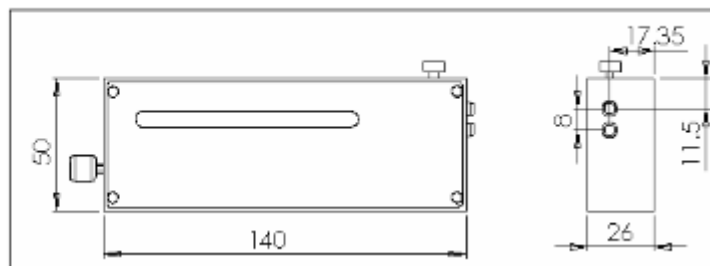
Application: Test equipment, OCT, precision optical path length matching or timing alignment

Specifications:

Parameter	Unit	Specifications
Operating Wavelength	nm	830 ± 30
Optical Delay Range	ps	0 – 500 ps continuous
Readout Scale Resolution	mm	1.0
Max. Insertion Loss	dB	1.0
Max. Insertion Loss Variation	dB	0.5
Min. Extinction Ratio (for PM version)	dB	20
Min. Return Loss	dB	50
Max. Polarization Dependent Loss (for non PM version)	dB	0.1
Max. Optical Power (CW)	mW	300
Max. Tensile Load	N	5
Operating Temperature	°C	0 to +40
Storage Temperature	°C	-40 to + 60
Dimension	mm	5.5 (D) x 40 (L)
Fiber Type		HI 780 or PM 850 Panda fiber

Note: each connector may contribute extra 0.5 dB IL, 5 dB lower RL, 2dB lower polarization extinction ratio.

Package Dimensions



Ordering Information:

Single Stage: VODL-AA-BB-CC-D-E-F-G-H

AA: wavelength	BB : delay range	CC: fiber type	D: drive mode	E: attenuator	F: fiber jacket	G: connector type	H: fiber length
83 - 830 nm	50 – 500 ps	SM – SM fiber	M - manual	A - attenuator	B - 250µm Panda fiber	1 - FC/UPC	1 – 1.0 m
	XX - other	PM – PM fiber		N - none	L - 900 µm loss tube	2 - FC/APC	X - other
					C – 3 mm cable	3 - SC/UPC	
					X - other	4 - SC/APC	
						N - none	
						X - other	